



# VOLKSWAGEN

vehicle specific integration solutions

# COMPATIBILITY chart

Vehicle	Compatible Integration			
Volkswagen	Universal	CD-Changer emulation	Satellite emulation	
Beetle				
2004 - 2008	FMRDS	VW-R <sup>1, 2, 5</sup>	SAT <sup>3, 4</sup>	MEDIABRIDGE <sup>3, 4</sup>
EOS				
2006 - 2008	FMRDS	VW-R <sup>1, 2, 5</sup>	SAT <sup>3, 4</sup>	MEDIABRIDGE <sup>3, 4</sup>
Golf/GTI/R32				
2003 - 2010	FMRDS	VW-R <sup>1, 2, 5</sup>	SAT <sup>3, 4</sup>	MEDIABRIDGE <sup>3, 4</sup>
2002 - 2004	FMRDS	VW-R <sup>1, 2, 5</sup>		
Jetta				
2005 - 2010	FMRDS	VW-R <sup>1, 2, 5</sup>	SAT <sup>3, 4</sup>	MEDIABRIDGE <sup>3, 4</sup>
2002 - 2004	FMRDS	VW-R <sup>1, 2, 5</sup>		
Passat				
2005 - 2010	FMRDS	VW-R <sup>1, 2, 5</sup>	SAT <sup>3, 4</sup>	MEDIABRIDGE <sup>3, 4</sup>
2002 - 2004	FMRDS	VW-R <sup>1, 2, 5</sup>		
Rabbit				
2006 - 2009	FMRDS	VW-R <sup>1, 2, 5</sup>	SAT <sup>3, 4</sup>	MEDIABRIDGE <sup>3, 4</sup>
Touareg				
2004 - 2010	FMRDS	VW-R <sup>2, 5, 6</sup>	SAT <sup>3, 4</sup>	MEDIABRIDGE <sup>3, 4</sup>

## Abbreviation Note:

i- **VW-R** kit ↔ **VW-R**

i-Audi/VW- **SAT** kit ↔ **SAT**

**FMRDS** & **FMRDS** USB-PRO ↔ **FMRDS**



SILVERLINE | PRO

## Note:

- For the most updated information on **MEDIA BRIDGE**, please visit our website at [www.diceelectronics.com](http://www.diceelectronics.com)
- Standard kit requires that factory satellite be disconnected. Wiring harness must be modified to retain satellite radio. See diagram on "Installation Tips/Check List" on the following pages.
- No Text display.
- The radio must have a SAT button.
- Text display supported. Navigation system is not supported at the time of printing. Please visit our website for updated information.
- External CD-changer is disabled.  
2008 Touareg does not accept the harness modification, satellite radio must be disabled.

## FAQs Before Purchasing the Kit

**VW-R** **SAT** **MEDIA BRIDGE** Is factory satellite radio retainable in my Volkswagen?

Yes, with the i-VW-R the satellite radio can be retained by removing three wires from the factory connector and plugging them into our connector. Please check Installation Tips/Check List. The other kits retain satellite radio.

**SAT** **MEDIA BRIDGE** Where is the Satellite tuner located in my vehicle?

On VW vehicles, the SAT tuner is normally located either under the front passenger seat or in the trunk behind the trunk lining.

**SAT** **MEDIA BRIDGE** How can I tell if my VW radio will support the text-capable i-Audi/VW-SAT kit or Media Bridge?

If your factory VW radio has a SAT button present, it is compatible with our SAT/Media Bridge kits and will support text display.

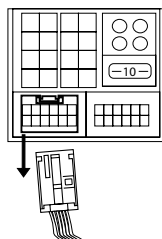
## Installation Tips / Check List

- ☐ **FMRDS** **VW-R** For the wiring harness(es) that plug into the back of the radio, the ground wire can be attached to the extended screw on the back of the radio for a sufficient ground point.
- ☐ **FMRDS** **VW-R** Earlier model VW's (2001-2005) can be easily removed with proper radio removal keys.
- ☐ **VW-R** With the non-text i-VW-R, the kit will be more user-friendly when installed in iPod mode because it will keep the direct iPod controls unlocked.
- ☐ **FMRDS** **VW-R** 2006-2008 Jetta and Golf have the same dash setup which makes the installation process similar. The trim around the radio needs to be popped off first, then the top vent. The screws needed to be removed are Torx size T15.

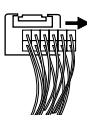
### Cable modification (only for i- **VW-R**):

- If vehicle is equipped with factory Satellite radio and desired to be retained, a harness modification is required
- 2008 Touareg does not accept this modification, satellite radio must be disabled.

1. Disconnect main radio harness and locate SAT connector. Remove it from main harness by pressing on the release tab of the SAT connector.



2. Slide out the inner part of the SAT connector from plastic housing.



3. Disassemble the VW-R2 connector the same way as the factory SAT connector.



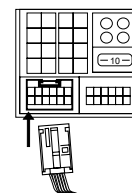
4. Remove the SAT wires from the factory connector by releasing the pins with a small screw driver or ball-point pen.



5. Relocate wires to VW-R2 connector keeping the same order and location.



6. Put plastic connector covers back on. Insert VW-R2 connector to factory VW main harness.



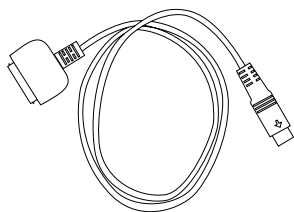
7. Connect ground wire to chassis of radio.



user manual

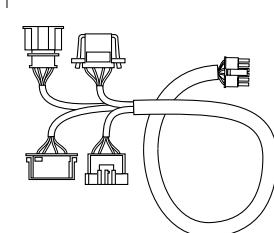


vehicle specific interface module



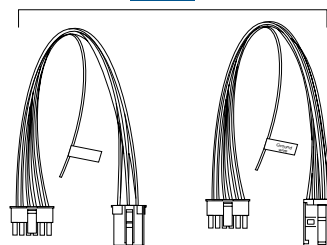
docking cable

for i-Audi/VW- **SAT** kit:



i-Audi/VW-SAT harness

for i- **VW-R** kit:



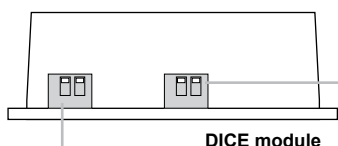
VW-R1  
harness  
(blue)

VW-R2  
harness  
(white)

## About Dip Switch Settings Integration for iPod

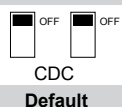
The configuration switches located on the DICE module are used to set the operation of the interface by the installer. Incorrect dip switch settings may cause the DICE interface not to work properly or not to operate at all. **Disconnect the vehicle harness from module and cycle ignition off for 50 seconds after changing the switches!**

for i- **VW-R** kit:



DICE module

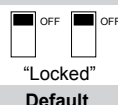
### Car configuration switches



Default

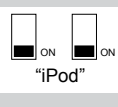
Switches should remain in the default OFF position.

### iPod configuration switches



Default

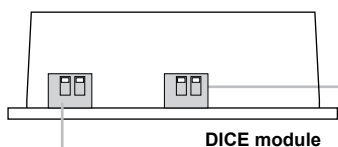
It is best selected when **advanced controls on the radio are used**. After the initialization the iPod will be locked for increased interface functionality.



"iPod"

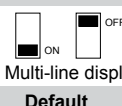
It is best selected when **text display is not supported** by the radio and **user wishes to retain iPod control**. Track numbers and times are not synchronized between the iPod and radio. Because there is less data transfer between the iPod and radio, this mode has the fastest response time. **Content is selected on the iPod only.**

for i-Audi/VW- **SAT** kit:



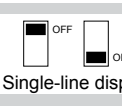
DICE module

### Car configuration switches



Default

This is the recommended setting for **radios that have multiple text fields displayed in Satellite emulation mode**.

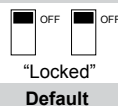


Recommended for Satellite (XM) capable radios. This type of emulation provides **full text display** on the radio. If Satellite (XM) is equipped it must be disconnected to operate flawlessly in this mode.

Both type of emulation above provides **full text display** on the radio. If Satellite (XM/Sirius) is equipped it must be disconnected to operate integration in this emulation mode. **XM/Sirius receiver is usually located in the trunk or under the passenger seat.**

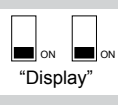
**Note:** Please call to confirm vehicle support prior to installation.

### iPod configuration switches



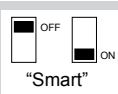
Default

This mode should be selected when **browsing is preferred from the radio**. After connecting the iPod you will see the DICE logo on the screen. After the initialization the iPod will be locked for an increased interface functionality.



"Display"

This mode should be selected when **controls on the iPod are preferred**. The radio can display the track name but has limited browsing capabilities. This mode is ideal on radio with single line display.

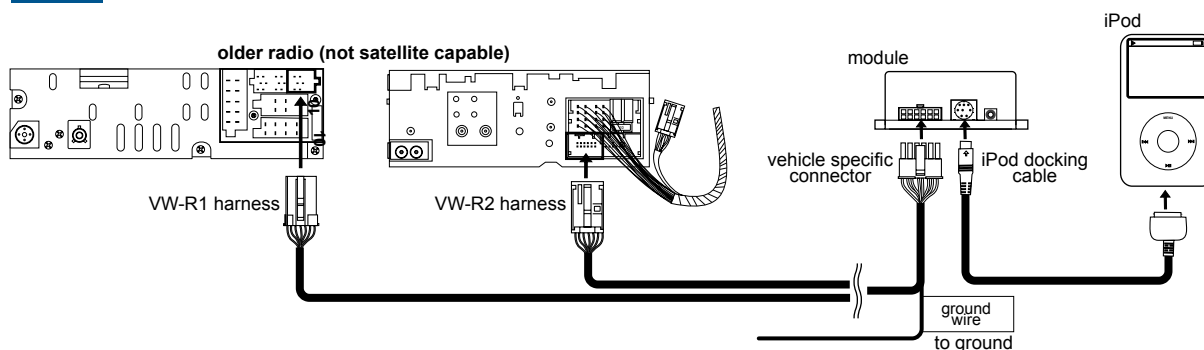


"Smart"

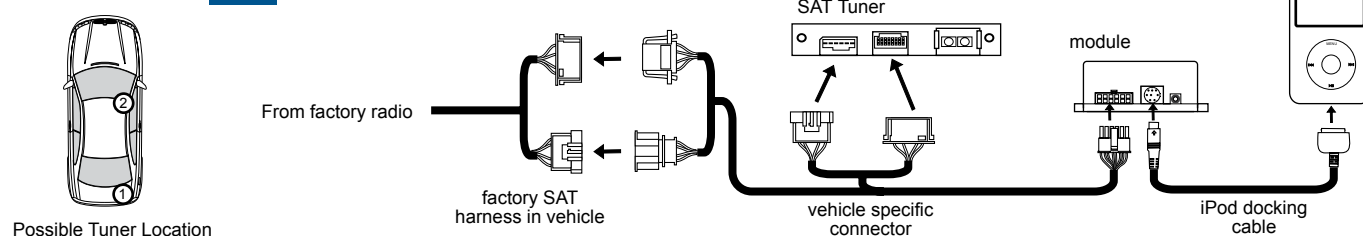
In "Smart" mode, both "Locked" mode or "Display" mode can be selected by the user from the iPod when connected.

## Connection Diagram Integration for iPod

### for i- VW-R kit:

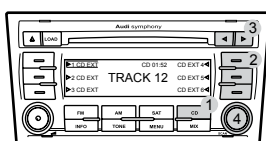


### for i-Audi/VW- SAT kit:



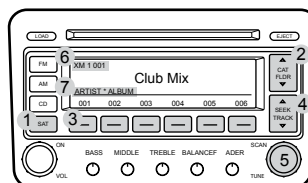
## Operation Overview Integration for iPod

### CDC emulation



- 1 Source selector
- 2 Press to change mode.
- 3 Press to change Track, hold to Rewind or Forward
- 4 Turn to change track.

### SAT emulation



- 1 Source selector
- 2 Press to cycle through Modes 1-6.
- 3 On selected radios you may use these buttons to select Modes 1-6
- 4 Press to change track.
- 5 Turn to change track.
- 6 Source indicator
- 7 This text field may not be shown on all radios.

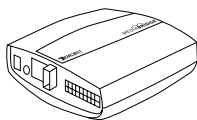
## Audi Specific Technical Notes Integration for iPod

Problem	Solution
Cannot select the interface.	Check DIP switch settings. With the ignition OFF disconnect vehicle harness from module for a few seconds and reconnect. Verify that the correct button is used to access the interface (CDC or SAT).
Radio/ steering wheel controls do not operate iPod.	Reset iPod and make sure most recent iPod firmware is installed. Check vehicle's user manual on how steering wheel controls work.
Radio/ steering wheel controls do not operate iPod, but audio is still present.	Select DISC/Mode 5 and Track/Channel 1. Switch back to DISC/Mode 1 and try changing Tracks. DISC 5 (Mode 5) Track 02 (Channel 02) is AUX mode and not correct for the iPod.
Interface has erratic recognition or none at all.	Make sure that the ground wire harness is attached to the back of the radio.
No text display.	Set iPod switches to OFF for "Locked" mode. Text display is only supported on SAT-capable radios with the i-Audi-SAT kit.
No audio from iPod source.	Reset the iPod. Verify proper connection to interface.
iPod does not charge.	Check all connections. Reset iPod and make sure iPod charges while connected to computer or wall charger.
Music is distorted or sound level is too low.	Check and make sure all EQ and BASS boost options are turned off on your iPod.

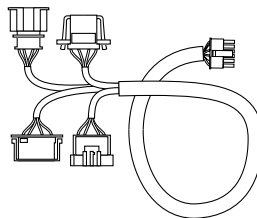
## for MB-1000-VW kit & MB-1500-VW kit:



user manual

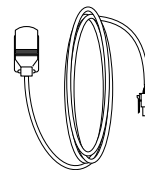


Media Bridge Module



Media Bridge Connector

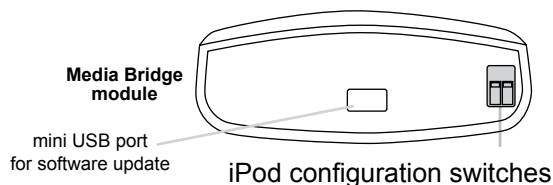
for MB-1500-VW kit ONLY:



Microphone  
(MB-1500 series only)

## About Dip Switch Settings MEDIABRIDGE

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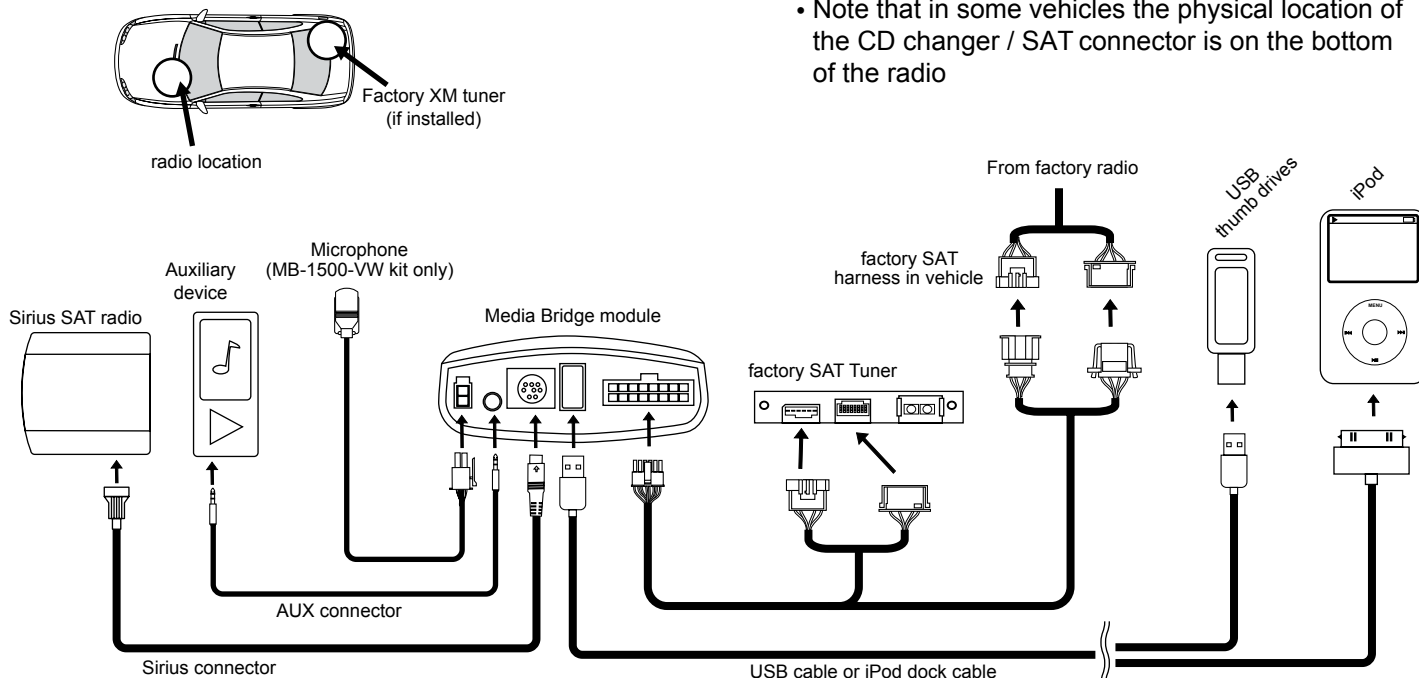


### Car configuration switches

Features are not ready at the time of printing. Please check the user manual.

## Connection Diagram MEDIABRIDGE

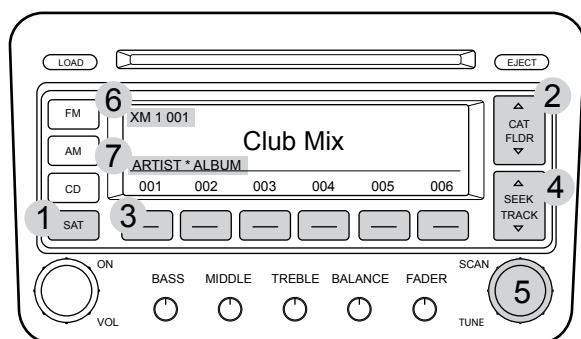
- Note that in some vehicles the physical location of the CD changer / SAT connector is on the bottom of the radio



# Operation Overview

MEDIABRIDGE

## SAT emulation



- 1 Source selector
- 2 Press to cycle through Modes 1-6.
- 3 On selected radios you may use these buttons to select Modes 1-6
- 4 Press to change track.
- 5 Turn to change track.
- 6 Source indicator
- 7 This text field may not be shown on all radios.





**L**isten to any portable audio product.